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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/836,636

DATE: 03/10/2003

TIME: 12:54:16

Input Set : A:\EP.txt

Output Set: N:\CRF4\03102003\I836636.raw

3 <110> APPLICANT: Venkatraman, et al.
 5 <120> TITLE OF INVENTION: MACROCYCLIC NS-3-SERINE PROTEASE INHIBITORS OF HEPATITIS C
 VIRUS
 6 COMPRISING ALKYL AND ARYL ALANINE P2 MOIETIES
 8 <130> FILE REFERENCE: IN01155-K-WI
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/836,636
 11 <141> CURRENT FILING DATE: 2001-04-17
 13 <150> PRIOR APPLICATION NUMBER: 60/198,204
 15 <151> PRIOR FILING DATE: 2000-04-19
 17 <160> NUMBER OF SEQ ID NOS: 5
 19 <170> SOFTWARE: PatentIn version 3.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 8
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: substrate peptide
 29 <220> FEATURE:
 30 <221> NAME/KEY: MOD_RES
 31 <222> LOCATION: 1
 32 <223> OTHER INFORMATION: ACETYLATION
 35 <220> FEATURE:
 36 <221> NAME/KEY: MISC_FEATURE
 37 <222> LOCATION: 7
 38 <223> OTHER INFORMATION: Alanine or Proline
 41 <220> FEATURE:
 42 <221> NAME/KEY: MISC_FEATURE
 43 <222> LOCATION: 8
 44 <223> OTHER INFORMATION: Norvaline
 47 <220> FEATURE:
 48 <221> NAME/KEY: MISC_FEATURE
 49 <222> LOCATION: 8
 50 <223> OTHER INFORMATION: Carboxy terminal group esterified with one of 3-nitrophenol,
 4-
 51 nitrophenol, 7-hydroxy-4-methyl-coumarin and 4-phenylazophenol
 54 <400> SEQUENCE: 1
 W--> 56 Asp Thr Glu Asp Val Val Xaa Xaa
 57 1 5
 60 <210> SEQ ID NO: 2
 61 <211> LENGTH: 6
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Artificial Sequence
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: competitive inhibitor peptide

68 <220> FEATURE:

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69 <221> NAME/KEY: MISC_FEATURE
70 <222> LOCATION: 2
71 <223> OTHER INFORMATION: gamma-carboxyglutamic acid (D-Gla)
74 <220> FEATURE:
75 <221> NAME/KEY: MISC_FEATURE
76 <222> LOCATION: 5
77 <223> OTHER INFORMATION: cyclohexyl alanine
80 <220> FEATURE:
81 <221> NAME/KEY: MOD_RES
82 <222> LOCATION: 1
83 <223> OTHER INFORMATION: ACETYLTATION
86 <400> SEQUENCE: 2
W--> 88 Asp Xaa Leu Ile Xaa Cys
89 1 5
92 <210> SEQ ID NO: 3
93 <211> LENGTH: 8
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: competitive inhibitor peptide
100 <220> FEATURE:
101 <221> NAME/KEY: MOD_RES
102 <222> LOCATION: 1
103 <223> OTHER INFORMATION: ACETYLTATION
106 <220> FEATURE:
107 <221> NAME/KEY: MISC_FEATURE
108 <222> LOCATION: 8
109 <223> OTHER INFORMATION: norvaline
112 <400> SEQUENCE: 3
W--> 114 Asp Thr Glu Asp Val Val Ala Xaa
115 1 5
118 <210> SEQ ID NO: 4
119 <211> LENGTH: 8
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: competitive inhibitor peptide
126 <220> FEATURE:
127 <221> NAME/KEY: MOD_RES
128 <222> LOCATION: 1
129 <223> OTHER INFORMATION: ACETYLTATION
132 <220> FEATURE:
133 <221> NAME/KEY: MISC_FEATURE
134 <222> LOCATION: 8
135 <223> OTHER INFORMATION: norvaline
138 <400> SEQUENCE: 4
W--> 140 Asp Thr Glu Asp Val Val Pro Xaa
141 1 5
144 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING

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Input Set : A:\EP.txt

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145 <211> LENGTH: 25
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: cleavage sequence
152 <400> SEQUENCE: 5
154 Ser Ser Gly Ala Asp Thr Glu Asp Val Val Cys Cys Ser Met Ser Tyr
155 1 5 10 15
158 Thr Trp Thr Gly Ala Leu Val Thr Pro
159 20 25

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/836,636

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Input Set : A:\EP.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 7,8
Seq#:2; Xaa Pos. 2,5
Seq#:3; Xaa Pos. 8
Seq#:4; Xaa Pos. 8

VERIFICATION SUMMARY

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Input Set : A:\EP.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:88 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0